Setting up Unified Load Despatch and Communication Scheme for the Western region

4332. SHRI RUMANDLA RAMACHANDRAIAH: Will the Minister of POWER be pleased to state:

(a) whether the Power Grid Corporation of India has decided to set-up a Unified Load Despatch and Communication Scheme for the Western region to prevent grid failure which has become a major problem;

(b) if so, whether Rs. 262.18 crore project would be set-up to monitor the operation of the grid on the basis of real time data and would be essential to minimize blackouts;

(c) if so, to what extent this scheme would improve system security and minimize grid disturbance; and

(d) to what extent this power grid has helped Government in checking the grid failures?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) to (d) The Government has approved the Unified Load Despatch & Communication Scheme for the Western region in February, 2001 for implementation by POWERGRID at an estimated cost of Rs. 262.18 crore. The project is intended for monitoring of grid operation on the basis of real time data. The scheme encompasses a composite communication, load dispatch and SCADA equipment to meet future grid operational requirements commensurate with the generation capacity addition programme.

The real time application software tools for operations scheduling, real-time despatching and power system analysis will facilitate improvement in system security minimization of grid disturbances, faster restoration, improvement in quality of power supply through better control of frequency and voltage parameters and improvement in monitoring and controlling of inter-regional power exchanges.